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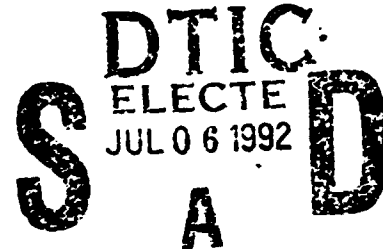
AL TECHNICAL REPORT

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**WORKSHOP ON THE DERIVATION OF PARALLEL PROGRAMS AND ARCHITECTURES -
CLOSING REPORT**

by

Robert Paige
Dept. of Computer Science
Courant Institute, New York University
251 Mercer St.
New York, NY 10012



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Principal Investigator: Robert A. Paige, NYU/Courant Institute and John Reif, Duke University

ONR Scientific Officer: Ralph Wachter

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1. DESCRIPTION AND OBJECTIVES

The workshop took place at New York University, Courant Institute from Aug. 30 to Sept. 2, 1992. The aim of the workshop was to bring together computer scientists in transformational programming and parallel algorithm design in order to share ideas that might benefit both communities. It was hoped that exposure by the transformational people to algorithm design methods developed within the theoretical community would stimulate progress in software development for parallel architectures. It was also hoped that exposure to syntax directed methods and pragmatic programming concerns within the transformational community would encourage more realistic theoretical models of parallel architectures and more systematic and algebraic approaches for parallel algorithm design.

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The workshop Organizers were Robert Paige, John Reif, and Ralph Wachter. There were 44 attendees, 21 invited speakers, and 7 contributing speakers. The workshop also included separate sessions for systems demonstrations. Papers coming out of the Workshop will be published in a book entitled "Parallel Algorithm Derivation and Program Transformation" (scheduled for release in the Fall) with Kluwer Academic Publishers and edited by Robert Paige, John Reif, and Ralph Wachter.

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Ralph Wachter ONR/Code 1133
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